

Title (en)  
DISHWASHER

Title (de)  
GESCHIRRSPÜLER

Title (fr)  
LAVE-VAISSELLE

Publication  
**EP 2556782 B1 20191023 (EN)**

Application  
**EP 12178679 A 20120731**

Priority  
KR 20110080878 A 20110812

Abstract (en)  
[origin: EP2556782A1] A dishwasher (1) that enables a user to adjust a load of a spring depending on material and weight of a cover that is attached to a door of the dishwasher. The dishwasher (1) includes a housing (10) having a bottom 10a), a rear (10b), and side covers (10c), a door (11) rotatably installed on a front surface of the housing (10), a door hinge (20) installed onto each lower end of the door (11) while being rotatably coupled to the housing (10), a spring (40) configured to adjust a rotation of the door (11), and an apparatus (50) of adjusting the spring (40) configured to adjust a load of the spring (40). The apparatus (50) includes a movable bracket (70) connected to the spring (40), an adjustment member (60) which enables the movable bracket (70) to move up and down, and a support bracket (51) configured to support the adjustment member (60). A position verification hole (80, 80a ... 80e) is perforated through the housing (10) such that the apparatus (50) is checked from outside the housing (10).

IPC 8 full level  
**A47L 15/42** (2006.01)

CPC (source: EP KR US)  
**A47L 15/0084** (2013.01 - KR); **A47L 15/0086** (2013.01 - KR); **A47L 15/42** (2013.01 - KR); **A47L 15/4257** (2013.01 - KR);  
**A47L 15/4261** (2013.01 - EP KR US); **A47L 15/4265** (2013.01 - KR); **A47L 15/4265** (2013.01 - EP US)

Cited by  
EP2888985A1; CN106984882A; US9642511B2; US9498102B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2556782 A1 20130213; EP 2556782 B1 20191023**; CN 102949165 A 20130306; CN 102949165 B 20170301; KR 101810837 B1 20171220;  
KR 20130018046 A 20130220; US 2013038186 A1 20130214; US 9155444 B2 20151013

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**EP 12178679 A 20120731**; CN 201210285544 A 20120810; KR 20110080878 A 20110812; US 201213564327 A 20120801